

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/010848

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E21B33/13

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 621 247 A (SOFITECH N.V; SOFITECH N V) 26 October 1994 (1994-10-26) cited in the application page 4, line 45 - page 5, line 20 page 6, line 36 - line 40 -----	1-26
Y	US 2003/116064 A1 (DANICAN SAMUEL ET AL) 26 June 2003 (2003-06-26) paragraph '0006! - paragraph '0012! -----	1-26
Y	WO 00/37387 A (SOFITECH N.V; SCHLUMBERGER CANADA LIMITED; COMPAGNIE DES SERVICES DOWE) 29 June 2000 (2000-06-29) cited in the application page 4, line 8 - page 6, line 26 ----- -/-	1-26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

**Special categories of cited documents :**

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

21 February 2005

Date of mailing of the international search report

01/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Zimpfer, E

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/010848

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	GB 2 399 083 A (* SCHLUMBERGER HOLDINGS LIMITED) 8 September 2004 (2004-09-08) page 4; table 1 page 1 - page 3	1-26
A	----- GB 2 385 325 A (* SCHLUMBERGER HOLDINGS LIMITED) 20 August 2003 (2003-08-20) cited in the application the whole document -----	1-26

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010848

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0621247	A	26-10-1994	FR 2704218 A1	28-10-1994
			AU 666261 B2	01-02-1996
			AU 6053094 A	27-10-1994
			BR 9401553 A	22-11-1994
			CA 2117276 A1	22-10-1994
			DE 69419352 D1	12-08-1999
			DE 69419352 T2	13-01-2000
			DK 621247 T3	13-12-1999
			EP 0621247 A2	26-10-1994
			GB 2277927 A ,B	16-11-1994
			JP 7144952 A	06-06-1995
			NO 941440 A	24-10-1994
US 2003116064	A1	26-06-2003	EP 1260491 A1	27-11-2002
			FR 2808794 A1	16-11-2001
			AU 5635601 A	26-11-2001
			WO 0187797 A1	22-11-2001
			GB 2377932 A ,B	29-01-2003
			NO 20025413 A	03-12-2002
			AU 5839901 A	26-11-2001
			WO 0187796 A1	22-11-2001
			GB 2379927 A	26-03-2003
			NO 20025412 A	08-01-2003
			US 2003168215 A1	11-09-2003
WO 0037387	A	29-06-2000	FR 2787441 A1	23-06-2000
			AT 256088 T	15-12-2003
			AU 1977100 A	12-07-2000
			BR 9916160 A	30-10-2001
			CA 2353726 A1	29-06-2000
			DE 69913569 D1	22-01-2004
			WO 0037387 A1	29-06-2000
			EP 1152996 A1	14-11-2001
			NO 20013059 A	21-08-2001
			US 6645288 B1	11-11-2003
GB 2399083	A	08-09-2004	WO 2004078671 A1	16-09-2004
GB 2385325	A	20-08-2003	NONE	